

NOTES ON A SMALL COLLECTION OF SHELLS FROM THE
VICTORIA FALLS, ZAMBESI RIVER, WITH DESCRIPTIONS OF
NEW SPECIES.

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THE shells which form the subject-matter of the present paper are part of a small collection made by Mr. J. Morrell during a recent visit to the Victoria Falls.

MELANIA VICTORIÆ, Dohrn.

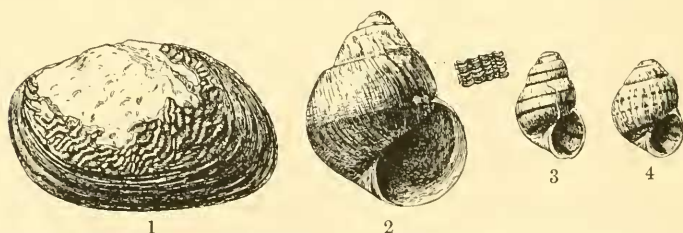
Collected in great quantity.

VIVIPARA CAPILLATA, Frfld.

A fair number taken.

VIVIPARA DENSESTRIATA, n.sp. Fig. 2.

Shell much eroded at the apex, perforate, conically turbinated, thin, rich brown; whorls 5, somewhat angulated, the body-whorl slightly keeled at the periphery, sculptured throughout with very fine wavy spiral striæ; suture deeply impressed, crenulated; peristome thin,



black; umbilicus very narrow; columella curved, extending into a thin callosity which reaches the lip above; aperture rotundly ovate; interior of shell pale brown, glossy.

Alt. 25·25 mm.; diam. maj. 20·5 mm. Aperture, alt. 15·5 mm.; diam. 10 mm.

Hab.—Just above Victoria Falls, Zambesi River.

CLEOPATRA MORRELLI, n.sp. Fig. 3.

Shell much eroded at the apex, pyramidally conical, thin, pale yellowish brown, encircled by one or more rich dark-brown bands, increasing to four on the body-whorl; whorls 5, finely transversely striated with lines of growth; suture impressed; umbilicus narrow; peristome thin, slightly expanded below; columella curved and somewhat reflexed over the umbilicus; aperture oval; operculum shallowly concave, horny.

Alt. 10·5 mm. ; diam. maj. 7 mm. Aperture, alt. 5 mm. ; diam. 3 mm.

Hab.—Just above Victoria Falls, Zambesi River.

Var. *COSTATA*. Fig. 4.

Shell more globular than the type ; the upper whorls transversely ribbed ; the dark bands increasing to five on the body-whorl.

Alt. 9·5 mm. ; diam. maj. 7·25 mm.

UNIO ZAMBESIENSIS, n.sp. Fig. 1.

Shell subtrapezoidal, deep rich brown, sculptured, especially above, with wavy zigzag ridges, and below with coarse irregular concentric lines of growth ; anterior side obliquely rounded ; posterior side somewhat squarely rounded.

Alt. 22·5 mm. ; length 35 mm.

Hab.—Just above Victoria Falls, Zambesi River.

All the species collected are much eroded at the apex, the erosion extending, notably in *Melania* and *Cleopatra*, down the whole of one side of the shell.
